

THE NEBRASKA CIVIL ENGINEER



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Meeting Information

DATE: Thursday, October 24

**HOST: Construction Group
Nebraska Section ASCE
(Marti Cieslik, Chair)**

**TOPIC: "Design and Construction
of the Addition to Immanuel
Hospital in Omaha"**

**SPEAKERS:
Susan Jorgensen, P.E.
Structural Engineer,
Leo A Daly Architects and Engineers**

**James L. Fisher
Project Manager,
McCarthy**

**TIMES:
5:30-6:30.....Social Hour
6:30-7:30.....Dinner
7:30.....Meeting and Program**

**LOCATION:
El Bee's
10402 South 144th Street
Omaha, Nebraska**

**MENU:
Macho Chimichanga
Tacolada
Tostada Supremo
Quesadilla Grande
Omelet Carolina
Huevos Rancheros
Taza De Carne
Burrito Fantastico
Taco Salad**

**PRICE: \$14.00 per person
(including tax and gratuity)**

DINNER RESERVATIONS

*RSVP with menu choice by noon on
Monday 10/21/02*

Contact Loras Klostermann in Omaha at
330-8860 or lklostermann@td2co.com

or

Rose Jones in Lincoln at 458-5603
or RJones@OAConsulting.com

Immanuel Hospital Addition

This project involves constructing a portion of the new addition over the existing building. The existing structure is not adequate to support the additional loads, so cast-in-place concrete columns supported by new auger-cast piles and pile caps were installed within the existing building. These columns extend through the roof of the building and support approximately half of the four-story addition to the diagnostic center and hospital.

Susan Jorgensen

Susan Jorgensen is a lead structural engineer with Leo A Daly Architects and Engineers in Omaha, Nebraska. Her responsibilities include structural design and analysis on projects varying from elementary schools and libraries to hospitals and casinos. She was one of five structural engineers who designed the Tower at First National Center and has been very involved during the construction of the project. She is also working with Dr. Gary Krause on an independent research project to measure the axial shortening of the tower.

Prior to joining the Daly Company in 1997, Susan worked for small consulting engineering firms in Sioux Falls, South Dakota, Fargo, North Dakota, and Denver, Colorado. She received her bachelor of science degree in Civil Engineering from the South Dakota School of Mines and Technology.

Susan has been involved in the ASCE sponsored Future Cities competition and is currently president-elect of the Nebraska Chapter of ACI.

(Continued on Page 4)

President's Comments



Brad Levich, P.E.
NE-ASCE President

Cheers,

Hope you are enjoying the fall weather. The Structural meeting was a huge success. Ray Hicklin and Erleen Hatfield provided an interesting look at the new arena and convention center. In addition, as a bonus Erleen provided a look at the September 11 engineering assistance for the World Trade Center Towers in New York City. Her company was hired to evaluate the nearby structures and provide direction on how to remove debris from the site.

The construction meeting is October 24, 2002, and will focus on the construction challenges associated with Immanuel Hospital. Hope we have a great turn out like the structural meeting. I would like to extend a challenge to every board member to bring one guest or fellow employee to the next meeting.

The ASCE board is actively looking for a new newsletter editor. This is a great way for a young engineer to actively participate in ASCE and become a board member. Newsletter editor was my first position in ASCE. In addition, I would like to encourage any member who would like to participate on any committee to call any committee chair or me. With your help we can provide better programs and increase participation in the society and promote Civil Engineering.

The Nebraska section is planning to send one younger member to the Younger Member Symposium in Washington D.C. and we are also planning to send two members to the 150 Anniversary Annual Meeting in Washington D.C. Marie Maly, Younger Member Co-Chair, will attend the younger member symposium. Bob Kalinski and Joe Waxse will attend the annual meeting to represent the Nebraska Section.

It has been a long time, since 1992, but my Cyclones finally beat the Huskers. Maybe this is the year for miracles, the Cyclones Big 12 champs in football not basketball. That may be too much to ask for, being a Cyclone fan for 15 years I try not to look too far ahead and just celebrate every victory as they come. A few years that meant one win for a whole season. So Go Cyclones.

Bradley A. Levich

2002-2003 Important Dates

October:

24 - MONTHLY MEETING (Hosted by Construction Group), Omaha

November:

3-7 - Washington DC 2002 - Civil Engineering Conference & Exposition

7-8 - ACI / PCA Seminar: ACI 318-02 Building Code, Omaha

14 - MONTHLY MEETING (Hosted by Management Group), Omaha

18-19 - NSBA / NaBRO Steel Bridge Design Seminar, St. Louis, MO

December:

11-13 - 2002 FHWA Steel Bridge Conference, Salt Lake City, UT

January:

23 - MONTHLY MEETING (Co-hosted by Water Resources Group and Univ. of Nebraska-Lincoln Student Chapter), Lincoln

February:

20 - MONTHLY MEETING (Hosted by Geotechnical Group), Omaha

21 - Annual Geotechnical Conference, Omaha

March:

20 - MONTHLY MEETING (Hosted by Environmental Group), Lincoln

April:

17 - MONTHLY MEETING (Co-hosted by Transportation Group and Univ. of Nebraska-Omaha Student Chapter), Omaha

May:

16 - ANNUAL MEETING

The screenshot shows the Nebraska ASCE website interface. At the top right is the Nebraska ASCE logo. Below it is a navigation menu with links for Home, Lincoln Office, Home Page, About Us, Membership, Publications, and Contact Us. A table lists various engineering disciplines: Structural Conference, Current Newsletter, Structural Engineering, Geotechnical Engineering, Environmental Engineering, Construction Engineering, Water Resources Engineering, and Transportation Engineering. A welcome message states: "Welcome to the Home Page of the Nebraska Section of the American Society of Civil Engineers (ASCE). ASCE represents more than 113,000 civil engineers nationwide and is America's oldest national engineering society. ASCE was founded in 1852 and is comprised of individuals from all areas of civil engineering including..." Below this is a banner for "Celebrating 150 Years of Civil Engineering" with the dates 1852-2002. At the bottom, it says "Contact Us: neasce.org For comments or questions. Copyright © 2002, American Society of Civil Engineers - Nebraska Section."

Check Out the Section's *newly redesigned* website at

www.neasce.org

Direct any items of interest or comments to the Section Webmaster, Brad Chambers, at (402) 333-5792 or webmaster@neasce.org. We send out notices, reminders and an electronic copy of this newsletter via email. To be included in our email database, email Brad Chambers at the above address.

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(Speakers, Continued from Page 1)**James L. Fisher**

Mr. Fisher manages McCarthy's construction services on a daily basis; is present at the site full-time to oversee effective management by the field staff; exercises control over the budget and schedule; and ensures timely and high quality work by all contractors involved. He holds a B. S. in Building Construction and Contracting from Purdue University, and has 24 years of construction experience (16 with McCarthy).

Jim's project experience includes:

- Alegent Health, Omaha, Nebraska; \$105 million capital improvements on four campuses.
- Mallinckrodt A.S.I. Project, St. Louis, Missouri; \$11.5 million installation of a pharmaceutical production plant.
- Maine Medical Center, Portland, Maine; \$27 million 2-story vertical expansion of L.L. Bean Building and emergency department renovation.
- Knapp Medical Center, Weslaco, Texas; \$25 million 6-story vertical expansion tower addition and renovation.
- Owensboro-Daviess County Hospital, Owensboro, Kentucky; \$20 million 6-story addition to existing hospital.
- Asbury-Salina Regional Medical Center, Salina, Kansas; \$13 million patient services expansion and renovation project.
- Saint Joseph Hospital, Fort Worth, Texas; \$17 million addition and renovation project.
- Northwestern Medical Center, St. Albans, Vermont; \$10 million addition and renovation project.
- Lawton Psychiatric Hospital, Lawton, Oklahoma; \$5 million addition and renovation project.
- Valley Community Hospital, Brownsville, Texas; \$6 million addition and renovation project.
- Brownsville Medical Center, Brownsville, Texas; \$10 million multiple addition and renovation projects.
- Glencairn Junior High School, Houston, Texas; \$10 million 150,000 SF educational facility including vocational shops, gymnasiums, auditorium and pool project.

Last Month's Meeting

54 people attended the Structural meeting at Anthony's on Oct. 3. Ray Hicklin and Erleen Hatfield presented an outstanding program about Omaha's new arena.

| | | |
|-----------------------------|------------------------|---------------------------|
| Brad Chambers | Daren Konda | Daryoush Razavian |
| Steven Saye | Karla Troester (guest) | Bagher Tarkian (guest) |
| Steve Jorgensen (guest) | Kip Squire | Gary Krause |
| Susie Jorgensen | Mike Langner | Jeff Kortan |
| Virgil Olegmueller | Ray Hicklin (speaker) | Nate Dickerson |
| David Klostermeyer | Brian Havens | Lindsay Madsen |
| John Hill | Pat Hiccyen (guest) | S. J. Dolerac |
| Brian Erickson | Peter Vaccaro | Mike Naccarato |
| Adam Cornely (UNO student) | Ed Prost | Erleen Hatfield (speaker) |
| Joe Zadina (UNO student) | Jeff Kopocis | Bradley Levich |
| Eric Rounph (UNO student) | Mike McIntosh | Peggy Meyers (guest) |
| Bill Dowd | Nathan Nelson (guest) | Matt Kracic |
| Ed Fink | Marie Maly | Kurt Rohn |
| Steve Kathol | Ray Moore | Dave Hamilton |
| Mike Baumert | Thomas Strauss | Steve Bottum |
| Reed Schwartzkopf | Scott Gilliland | Helen Bottum (guest) |
| Jimmy Harding (UNL student) | Rich Kotan | Bob Kalinski |
| Jeremy Bowers (UNL student) | Bob Shaw (guest) | Joe Waxse |

Steel Bridge Design Using AASHTO LRFD Bridge Design Specification (2001 Interim)

A seminar sponsored by: National Steel Bridge Alliance (NSBA) and National Bridge Research Organization (NaBRO) (an educational/research facility at the University of Nebraska-Lincoln)

Date: November 18 and 19, 2002

Location: Millennium Student Center (MSC)-Third Floor, University of Missouri-St. Louis, 8001 Natural Bridge Road, St. Louis, MO 63121

Seminar Description: This day and half-long seminar will be devoted to the design of steel bridges using the AASHTO LRFD Bridge Design Specifications. Lectures will consider seismic design issues. The seminar will also include a brief overview of the latest and important developments in the field of steel bridges.

Who Should Attend: This course is suited for engineering professionals engaged in the design of steel bridges using AASHTO Specifications..

Instructors:

Dr. Atorod Azizinamini - Director of the National Bridge research Organization (NaBRO) and Professor of Civil Engineering at the University of Nebraska-Lincoln (UNL)

William F. McEleney, P.E. - regional Director for the National Steel Bridge Alliance

(Space is limited-Registraton will be honored on a first-come first-served basis)

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A Note from the Editor

The deadline for the November edition of *The Nebraska Civil Engineer* is November 1. Send ideas for items that could be included in this newsletter, articles, or information to:

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